IN THE CLAIMS:

Please AMEND claims 1, 2, 8, 9, 12, 15, 19, 20, 22, 26, 31, 44 and 45 in accordance with the following:

1. (CURRENTLY AMENDED) An electronic apparatus comprising:

an electronic device including a body; and

one of at least first and second selectively interchangeable batteries coupled to the body, the first battery to supply current to said electronic device, the second battery to supply current and to provide information storage to said electronic device,

wherein:

said second battery includes a memory unit having a built-in main memory and a detachable auxiliary memory, and

the electronic device stores data in the built-in main memory and, when a storage capacity of the built-in main memory has been reached, in the detachable auxiliary memory.

2. (CURRENTLY AMENDED) An electronic apparatus comprising:

an electronic device including a body; and

one of at least first and second selectively interchangeable batteries coupled to the body to supply current to said electronic device, the second battery additionally providing information storage to said electronic device, wherein said second battery includes:

a memory unit having a built-in main memory and a detachable auxiliary memory, the electronic device storing data in the built-in main memory and, when a storage capacity of the built-in main memory has been reached, in the detachable auxiliary memory,

a primary power connection to connect to and power a controller of said electronic device, and

a secondary power output port to connect to and power a controller of another device.

3. (CURRENTLY AMENDED) The electronic apparatus of claim 1, wherein said second battery further comprises a primary communication connection to connect to said electronic device, and a communication port to connect the memory unit to another device to exchange information with the another device.

4. (CANCELLED)

5. (CANCELLED)

6. (ORIGINAL) The electronic apparatus of claim 1, wherein the main memory is detachable from the memory unit.

7. (ORIGINAL) The electronic apparatus of claim 1, wherein the main memory is one of a memory chip and a memory card, and the auxiliary memory is the other of the memory chip and the memory card.

8. (CURRENTLY AMENDED) A set of selectively interchangeable batteries for an electronic device, comprising:

a first battery unit to store power;

a second battery unit to store power and to include a memory unit, said memory unit comprising

a built-in main memory, and

an auxiliary memory that is detachable from said battery unit,

wherein each of the battery units are detachable from the electronic device and the electronic device stores information in the main memory and, when a storage capacity of the built-in main memory has been reached, in the auxiliary memory.

9. (CURRENTLY AMENDED) A battery for an electronic device, comprising:

first and second selectively interchangeable battery units to store power for the electronic device; and

a memory unit connected to said second battery unit, said memory unit comprising

a built-in main memory, and

an auxiliary memory that is detachable from said second battery unit, the electronic device storing data in the built-in main memory and, when a storage capacity of the built-in main memory has been reached, in the detachable auxiliary memory,

wherein the first and second battery units are each detachable from the electronic device and further comprise a primary power connection to connect to and power a controller of the electronic device and a secondary power output port to connect to and power a controller of another device.

10. (ORIGINAL) The battery of claim 8, further comprising a primary communication connection to exchange information with the electronic device, and a secondary communication port to connect said memory unit to another device to exchange information with the another device.

11. (ORIGINAL) The battery of claim 10, wherein said secondary communication port is installed to slide so that a free end of said secondary communication port protrudes from the battery to connect to the another device.

12. (CURRENTLY AMENDED) A battery for an electronic device, comprising:

first and second selectively interchangeable battery units to store power for the electronic device; and

a memory unit connected to said second battery unit, said memory unit comprising

a built-in main memory, and

an auxiliary memory that is detachable from said second battery unit, the electronic device storing data in the built-in main memory and, when a storage capacity of the built-in main memory has been reached, in the detachable auxiliary memory,

wherein the first and second battery units are each detachable from the electronic device and the electronic device stores information in the main memory and the auxiliary memory, and the battery for the electronic device further comprises a primary communication connection to exchange information with the electronic device, and a secondary communication port to connect said memory unit to another device to exchange information with the another device, wherein said secondary communication port is disposed to be flipped out from a body of the battery at a predetermined angle.

13. (ORIGINAL) The battery of claim 8, wherein the main memory is detachable from said memory unit.

14. (ORIGINAL) The battery of claim 8, wherein the main memory is one of a memory chip and a memory card, and the auxiliary memory is the other of the memory chip and the memory card.

15. (CURRENTLY AMENDED) An electronic apparatus comprising:

an electronic device; and

one of at least first and second selectively interchangeable batteries coupled to said electronic device, said first battery comprising and energy storage unit to power said electronic device, and said second battery comprising:

an energy storage unit to power said electronic device, and

a memory comprising removable and built in memory units accessible by said electronic device such that the electronic device stores data in the ~~removable and~~ built in memory unit and, when a storage capacity of the built-in memory unit has been reached, in the removable units.

16. (PREVIOUSLY PRESENTED) The electronic apparatus of claim 15, wherein said electronic device comprises a personal computer.

17. (PREVIOUSLY PRESENTED) The electronic apparatus of claim 15, wherein said electronic device retrieves data over a network and stores the retrieved data in the built in memory unit.

18. (PREVIOUSLY PRESENTED) The electronic apparatus of claim 15, wherein the built-in memory comprises a basic recording capacity for the memory, and the removable memory comprises an increased recording capacity in addition to the basic recording capacity such that the electronic device stores the information independent of whether the auxiliary memory is connected to the battery.

19. (CURRENTLY AMENDED) An electronic apparatus comprising:

an electronic device; and

first and second selectively interchangeable batteries coupled to said electronic device, said batteries comprising an energy storage unit to power said electronic device, wherein said second battery further comprises a memory including removable and built in memory units accessible by said electronic device such that the electronic device stores data in the built in memory unit and, when a storage capacity of the built-in memory unit has been reached, in the removable unit~~data in the removable and built in memory units~~, wherein said electronic device comprises a personal computer, and wherein said first and second batteries include a

communication port through which another electronic device accesses the memory.

20. (CURRENTLY AMENDED) An electronic apparatus comprising:

an electronic device; and

first and second selectively interchangeable batteries coupled to said electronic device, said first battery comprising an energy storage unit to power said electronic device, and said second battery comprising:

an energy storage unit to power said electronic device; and

a memory comprising removable and built in memory units accessible by said electronic device such that the electronic device stores data in the built in memory unit and, when a storage capacity of the built-in memory unit has been reached, in the removable unit~~data in the removable and built in memory units~~, wherein said first and second batteries include a connector through which a controller of another electronic device is powered by said batteries.

21. (PREVIOUSLY PRESENTED) The electronic apparatus of claim 19, wherein said battery includes a connector through which a controller of another electronic device is powered by said battery, wherein said battery is attached to said electronic device when the another electronic device is connected to one of the connector and the communication port.

22. (CURRENTLY AMENDED) A set of selectively interchangeable batteries for use with an electronic device and/or electronic devices, comprising:

a first battery including an energy storage unit to power the electronic device; and

a second battery including an energy storage unit to power the electronic device and a memory connected to said energy storage unit, said memory comprising removable and built in memory units accessible by the electronic device such that the electronic device stores data in the built in memory unit and, when a storage capacity of the built-in memory unit has been reached, in the removable unit~~data in at least the built in memory unit~~.

23. (PREVIOUSLY PRESENTED) The battery of claim 22, wherein the built-in memory comprises a basic storage capacity for the memory such that the memory stores the data when the removable memory unit is removed from the memory.

24. (PREVIOUSLY PRESENTED) The battery of claim 23, wherein the

removable memory unit comprises an auxiliary recording capacity which is in addition to the basic storage capacity of the built in memory unit.

25. (PREVIOUSLY PRESENTED) The battery of claim 24, further comprising communication ports through which the electronic device and another electronic device are detachably connected to access said memory.

26. (CURRENTLY AMENDED) A set of first and second selectively interchangeable batteries for use with an electronic device and/or electronic devices, said first battery comprising a first energy storage unit to power the electronic device, and said second battery comprising:

a second energy storage unit to power the electronic device; and

a memory connected to said second energy storage unit and comprising removable and built in memory units accessible by the electronic device such that the electronic device stores data in the built in memory unit and, when a storage capacity of the built-in memory unit has been reached, in the removable unit~~data in at least the built in memory unit~~, wherein ~~the built-in memory comprises a basic storage capacity for the memory such that the memory stores the data when the removable memory unit is removed from the memory,the removable memory unit comprises an auxiliary recording capacity which is in addition to the basic storage capacity of the built in memory unit, and wherein~~ the first and second batteries, further comprise connectors through which the electronic device and another electronic device are detachably connected to such that said energy storage units power the controller of the electronic device and another controller of the another electronic device.

27. (PREVIOUSLY PRESENTED) The battery of claim 25, further comprising connectors through which the electronic device and the another electronic device are detachably connected such that said energy storage unit powers the controller of the electronic device and a controller of the another electronic device, wherein the battery is simultaneously attachable to multiple electronic devices including the electronic device and the another electronic device.

28. (ORIGINAL) The battery of claim 27, further comprising a printed circuit board to connect said memory to said communication ports.

29. (ORIGINAL) The battery of claim 27, wherein the one memory unit comprises a

recordable medium housed in a case.

30. (ORIGINAL) The battery of claim 27, wherein the one memory unit comprises a memory card, and another one of the memory units comprises a memory chip.

31. (CURRENTLY AMENDED) A method of storing information and power for use with an electronic apparatus, comprising:

connecting the electronic apparatus to one of a first battery comprising a battery unit to store energy and a second battery comprising a battery unit to store energy and a built in memory unit to store information to be accessed by the electronic apparatus and a removable memory units to store information to be accessed by the electronic apparatus when a storage capacity of the built-in memory unit has been reached; and

forming a communication pathway to transfer information between the electronic device and the built in memory unit when the removable memory unit is removed, if the electronic apparatus is connected to the second battery.

32. (ORIGINAL) The method of claim 31, forming an energy pathway to supply the energy stored in the battery unit to the electronic apparatus while the communication pathway is formed.

33. (ORIGINAL) The method of claim 31, further comprising;

connecting another electronic apparatus to the battery; and

forming another communication pathway between the another electronic apparatus and the one memory unit to transfer information between the one memory unit and the another electronic apparatus.

34. (ORIGINAL) The method of claim 33, wherein both the electronic apparatus and the another electronic apparatus are connected to the battery at the same time.

35. (ORIGINAL) The method of claim 33, wherein both the electronic apparatus and the another electronic apparatus are not connected to the battery at the same time.

36. (ORIGINAL) The method of claim 35, further comprising detaching the battery

from the electronic apparatus prior to said connecting the another electronic apparatus to the battery.

37. (ORIGINAL) The method of claim 36, wherein the electronic apparatus and the another electronic apparatus are of the same kind.

38. (ORIGINAL) The method of claim 31, further comprising:
detaching the battery from the electronic apparatus; and
connecting the electronic apparatus to another battery.

39. (ORIGINAL) The method of claim 38, wherein the another battery includes another memory unit.

40. (ORIGINAL) The method of claim 38, wherein the another battery does not include another memory unit.

41. (ORIGINAL) The method of claim 31, further comprising forming another communication pathway such that a detachable one of the memory units is accessible by the electronic apparatus.

42. (ORIGINAL) The method of claim 41, further comprising attaching the detachable memory unit to the battery prior to said forming the another communication pathway.

43. (ORIGINAL) The method of claim 42, further comprising detaching the detachable memory unit from another electronic apparatus prior to said attaching the detachable memory unit to the battery.

44. (CURRENTLY AMENDED) An electronic apparatus comprising:
an electronic device including a body; and
one of at least first and second selectively interchangeable batteries coupled to the body, the first battery to supply current to said electronic device, the second battery to supply current and to provide information storage to said electronic device, wherein said second battery includes a memory unit having a built-in main memory, and the electronic device stores data in

the built-in main memory and, when a storage capacity of the built-in main memory has been reached, in the detachable auxiliary memory.

45. (CURRENTLY AMENDED) An electronic device comprising a body and a battery that is removably coupled to the body to supply current to the body and to provide storage for information for the electronic device, the battery comprising:

a built-in and detachable semi-conductor memory chip having an initial recording capacity on which the information is recorded;

a fixed block, positioned on a side of the battery opposite to a side adjacent to the body of the electronic device, to which the main memory is detachably attached;

a detachable auxiliary memory card to expand the recording capacity, if necessary, according to a predetermined capacity requirement of the information; and

a slot, positioned on a side of the battery opposite to a side adjacent to the body of the electronic device, into which the detachable auxiliary memory card is removably inserted.